

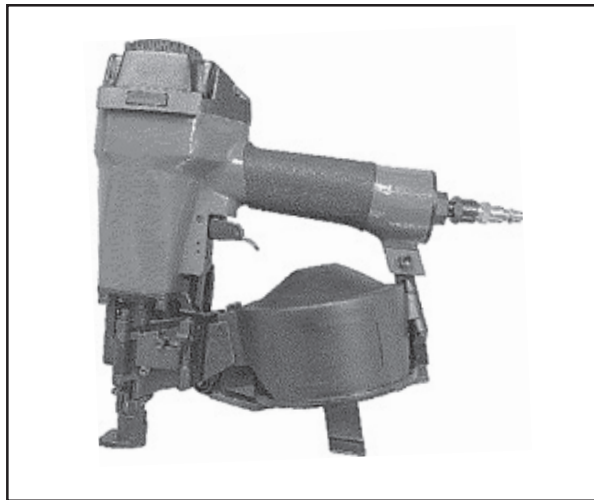
CENTRAL PNEUMATIC®

CONTRACTOR SERIES

COIL ROOFING NAILER 11 GAUGE

Model 92359

ASSEMBLY AND OPERATING INSTRUCTIONS



Distributed Exclusively by



**HARBOR FREIGHT
TOOLS**



3491 Mission Oaks Blvd., Camarillo, CA 93011

Visit our Web site at: <http://www.harborfreight.com>

**TO PREVENT SERIOUS INJURY,
READ AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.**

Copyright© 2004 by Harbor Freight Tools®. All rights reserved. No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools.

For technical questions or replacement parts, please call 1-800-444-3353.

Specifications

Item	Description
Fastener Length Capacity	3/4" To 1-3/4" Long
Fastener Gauge	0.12" Diameter Shanks
Magazine Capacity	120-150 Per Load
Operating PSI	65-120 PSI
SCFM Required	7 SCFM @ 90 PSI
Trigger Type	Full Sequential Safety Trip
Accessories	Carrying Case/ Hex Wrenches (3 mm, 4 mm, & 5 mm)/ Air Tool Oil/ ANSI Approved Safety Impact Eye Goggles/Nail Coil (7/8" Nails)
Net Weight	11.2 Pounds

Save This Manual

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.

Safety Warnings and Precautions

WARNING: When using tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.




Read all instructions before using this tool!


1. **Keep work area clean.** Cluttered areas invite injuries.
2. **Observe work area conditions.** Do not use machines or power tools in damp or wet locations. Do not expose to rain. Keep work area well lit. Do not use electrically powered tools in the presence of flammable gases or liquids.
3. **Keep children away.** Children must never be allowed in the work area. Do not let them handle machines, tools, extension cords, or air hoses.
4. **Store idle equipment.** When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
5. **Use the right tool for the job.** Do not attempt to force a small tool or attachment

REV 01/05, REV 04/05

to do the work of a larger industrial tool. There are certain applications for which this tool was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this tool and do not use this tool for a purpose for which it was not intended.

6. **Dress properly.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically nonconductive clothes and nonskid foot wear are recommended when working. Wear restrictive hair covering to contain long hair.
7. **Do not overreach.** Keep proper footing and balance at all times. Do not reach over or across running machines or air hoses.
8.  **Use eye and ear protection.** Always wear ANSI approved impact safety goggles and appropriate hearing protection. Wear a full face shield if you are producing metal filings or wood chips. Wear an ANSI approved dust mask or respirator when working around metal, wood, and chemical dusts and mists. Other people in the work area must also wear ANSI approved impact safety goggles.
9. **Maintain tools with care.** Keep tools clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords and air hoses periodically and, if damaged, have them repaired by an authorized technician. The handle must be kept clean, dry, and free from oil and grease at all times. Do not operate a tool if any portion of the tool's operating controls are inoperable, disconnected, altered or not working properly.
10. **Disconnect Air Hose and release any built-up air pressure.** Never service the Nailer, clear jams, or disassemble with the air hose attached. Always release any built-up air even after disconnecting hose. Disconnect the Nailer when not in use.
11. **Remove adjusting keys and wrenches.** Check that keys and adjusting wrenches are removed from the tool or machine work surface before attaching to an air source.
12. **Avoid unintentional starting.** Be sure the trigger is in the Off position when not in use and before plugging in. Do not carry any tool with your finger on the trigger, whether it is attached to an air source or not. Do not point the tool towards yourself or anyone whether it contains fasteners or not.
13. **Stay alert.** Watch what you are doing, use common sense. Do not operate any tool when you are tired.
14. **Check for damaged parts.** Before using any tool, any part that appears dam-

aged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if the trigger does not operate properly.

15. **Guard against electric shock.** Prevent body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerator enclosures.
16. **Replacement parts and accessories.** This product is to be repaired and serviced only by a qualified technician. When this product is serviced, only identical replacement parts should be used. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Harbor Freight Tools.
17. **Do not operate tool if under the influence of alcohol or drugs.** Read warning labels if taking prescription medicine to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.
18. **Use proper size and type extension cord.** If an extension cord is required, it must be of the proper size and type to supply the correct current to the compressor without heating up. Otherwise, the extension cord could melt and catch fire, or cause electrical damage to the tool. Check your air compressor's manual for the appropriate size cord. It is also possible that the use of an extension cord may cause your circuit breaker to trip or your panel fuse to open. If this happens, either use the compressor without an extension cord or find a larger amperage circuit to use.
19. **Maintenance.** The maintenance outlined in the maintenance section should be performed regularly. For your safety, this product should be serviced or repaired regularly only by a qualified technician.
20. **Compressed air only.** Never use combustible gas as a power source.
21.  **Do not load nails with the trigger or safety depressed.** Unintentional firing may occur. Do not load nails when the air hose is connected to the tool. Always assume the tool contains fasteners.
22. **Disconnect air supply before loading the Nailer.** Before reloading (or making any adjustments to) the Nailer, make sure the compressed air is disconnected and tested to verify that there is no residual pressure.
23. **Fire fasteners into an appropriate work surface only.** Do not attempt to fire fasteners into surfaces too hard to penetrate. Do not drive fasteners on top of

other fasteners, or at too steep an angle. Fasteners can ricochet, causing personal injury. Never fire the Nailer into the air, or point it toward yourself or another person. Always wear ANSI approved safety goggles during use, maintenance, and reloading.

24. **Do not fire fasteners too close to the edge of a workpiece.** They may split the workpiece and fly free, causing personal injury.
25. **Take caution, as some woods contain preservatives such as copper chromium arsenate (CCA) which can be toxic.** When stapling or nailing these materials extra care should be taken to avoid inhalation and minimize skin contact.

WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contain chemicals known (to the State of California) to cause cancer, birth defects, or other reproductive harm.

Some examples of these chemicals are:

- * **Lead from lead-based paints**
 - * **Crystalline silica from bricks and cement and other masonry products**
 - * **Arsenic and chromium from chemically treated lumber.**
- (California Health & Safety Code § 25249.5, et seq.)*

26. **Stay within air pressure capacity.** Never operate the Nailer above 120 PSI.
27. **Hold tool away from head and body.** During operation the Nailer may kick back causing injury.
28. **Transport Nailer safely.** Always disconnect air supply when moving the tool in the workplace. Carry the tool by the handle to avoid contact with the trigger.
29. **Avoid working alone.** If an accident happens, an assistant can bring help.

Note: Performance of the compressor (if powered by line voltage) may vary depending on variations in local line voltage. Extension cord usage may also affect the tool performance.

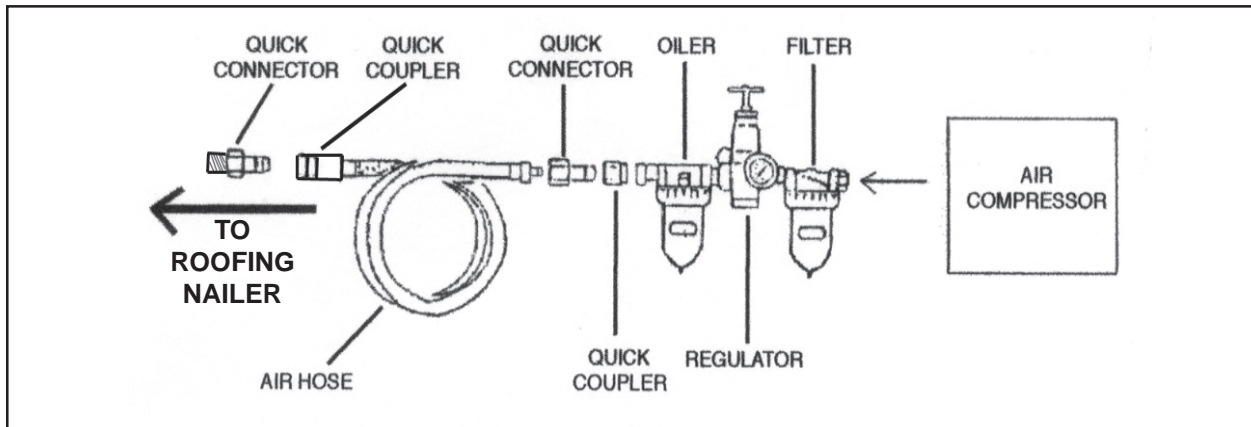
Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Unpacking

When unpacking, check to make sure all parts shown in the Parts List on page 13 are included. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual as soon as possible.

Operation

For best service, you should incorporate an oiler, regulator, and inline filter, as shown in the diagram below. Hoses, couplers, oilers, regulators, and filters are all available at Harbor Freight Tools.



Note: To connect this tool, we recommend you use the included quick connector. If an oiler is not used, for smoother operation and to extend the life-span of the tool, put 3-5 drops of pneumatic tool oil in the attached quick connector (1) before each use.

Testing the Full Sequential Safety Trip Mechanism

Warning: Even though the nailer should be empty during this procedure, **ALWAYS** point the nailer at a piece of scrap wood when testing.

1. Make sure the tool is disconnected from the air supply.
2. Completely empty the Nail Cannister (82) of nails.
3. The Nailer should not fire if the nose is not depressed against the workpiece.
4. Make sure the Trigger (47) and nose move freely, without sticking - see the illustration on the following page.

5. Connect the air supply to the tool at the Air Inlet (93). Set the regulator at the recommended **65 PSI to 120 PSI**, and set not to go over the maximum 120 PSI.
6. Test the tool by depressing the nose against the workpiece without pulling the Trigger (47). **The Tool must not cycle (fire)**. If it cycles (fires), stop immediately and have it repaired by a qualified service technician.
7. Hold the tool away or off of the workpiece. The nose of the tool should return to its original position. Squeeze the Trigger (47). **The tool should not cycle (fire)**. If the tool fires, stop immediately and have it repaired by a qualified service technician.
8. Depress the nose against the workpiece and squeeze the Trigger (47). **The tool must cycle (fire) only once**. Release the Trigger and squeeze it again. **The tool must not cycle (fire)**. With the Trigger held, carefully lift the nailer and press it against the workpiece again. **The tool must not cycle (fire)**. If it fails to perform in the manner explained in bold, have it repaired by a qualified service technician.

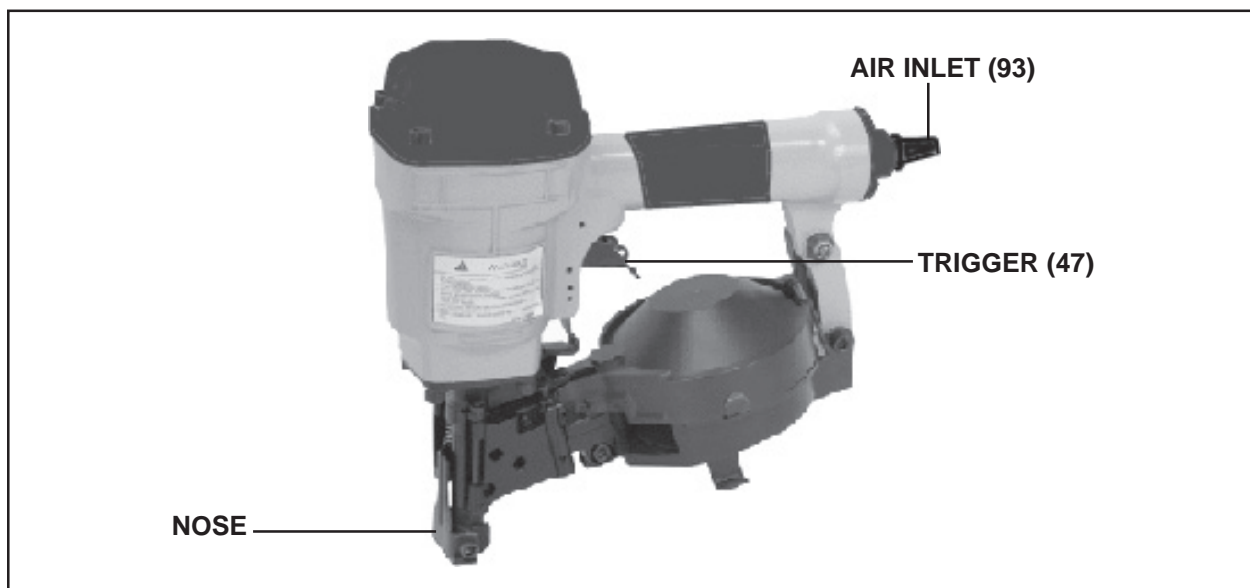
Loading Coil Nails



ALWAYS WEAR ANSI APPROVED IMPACT SAFETY GOGGLES WHEN RELOADING OR DOING ANY OTHER MAINTENANCE ON THIS TOOL.

Other people in the work area must also wear ANSI approved impact safety goggles.

Warning! Make sure the Nailer is not attached to the air hose whenever loading the tool.



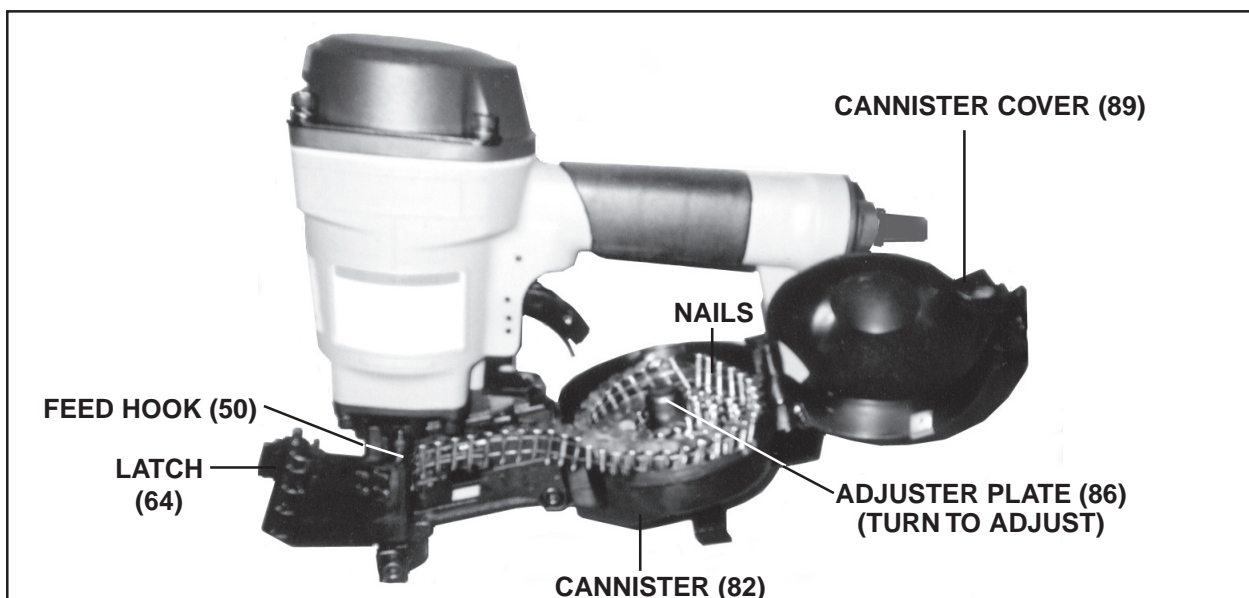
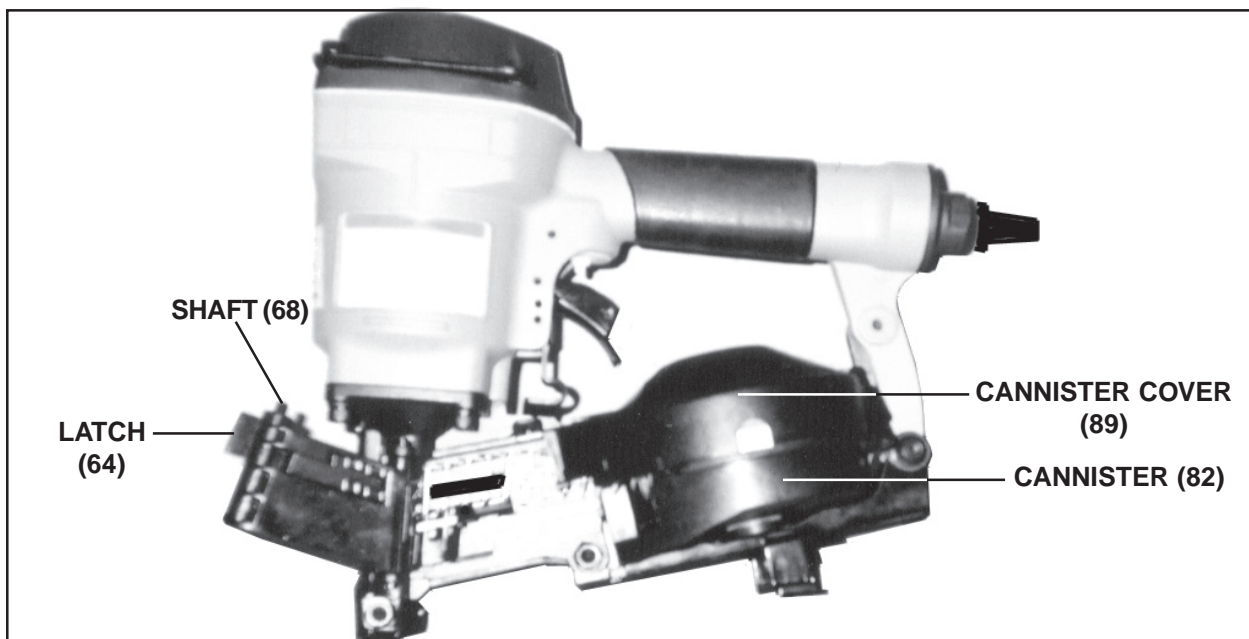
1. To open the Cannister (82), press down on the Shaft (68) and swing the Latch (64) and Cannister Cover (89) open.

2. Check the Adjuster Plate (86) inside the Cannister (82). The Platform can be adjusted up and down to use various lengths of nails from $\frac{3}{4}$ " to $1\text{-}\frac{3}{4}$ ":

A. Between $\frac{3}{4}$ " and 1" Long Nails
(Use top setting).

B. Between 1" and 1- $\frac{1}{4}$ " Long Nails
(Use middle setting).

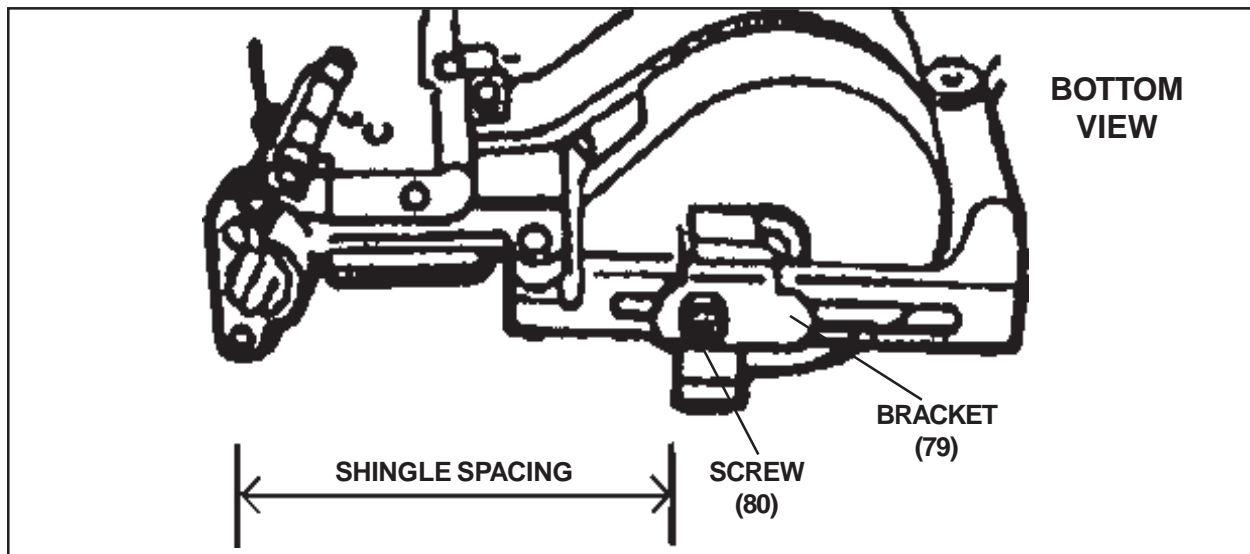
C. Between 1- $\frac{1}{4}$ " and 1- $\frac{3}{4}$ " Long Nails
(Use bottom setting).



3. Place a coil of Nails (not included) around the Adjuster Plate (86) in the Nail Cannister (82).
4. Uncoil enough nails to reach the Feed Hook (50). Place the *second* nail on the coil between the teeth of the Feed Pawl, making sure the nail head fits in the slot in the upper portion of the Feed Pawl.
5. Swing the Cannister Cover (89) closed. Then, close the Latch (64). Make sure the Latch closes securely. If it does not engage, the nail head is not in the slot in the upper portion of the Feed Hook (50).

To Adjust The Shingle Gauge:

The Bracket (79) controls roof shingle spacing. To adjust the Bracket to work with a particular width of shingles, use the accessory Hex Wrench to loosen the Screw (80) on the Bracket. Slide the Bracket forward or backward to the desired spacing. Then, retighten the Screw.

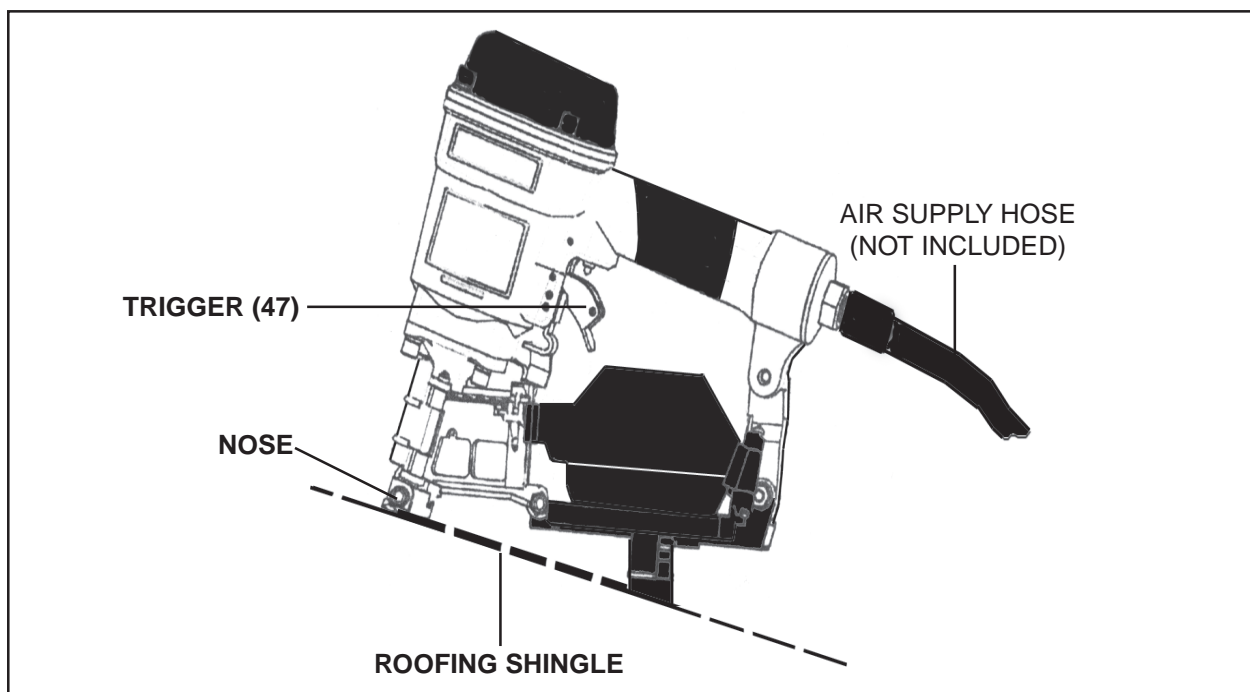


Operating the Nailer

1. Attach the Nailer to the air supply at the Air Inlet (93). Start your compressor and check the pressure making sure it is set at the recommended 65-120 PSI and not to go over the maximum 120 PSI.
2. To fire, place the nose of the Nailer on the workpiece. The Nailer should not fire if the nose is not depressed. Once depressed, gently and briefly squeeze the

Trigger (47) once and one nail will fire. To fire another nail, pull the nose of the nailer up off the workpiece, place the nose back down onto the next position on the workpiece and briefly squeeze the trigger. Repeat this procedure to continue firing nails. **Do not fire nails on top of one another or into any foreign object.** Nails could bounce off, damaging the workpiece or causing PERSONAL INJURY.

3. Do not press the Nose of the Roofing Nailer against the work surface with excess force. Allow the tool to do the work. Always allow the tool to recoil off the workpiece.
4. **Caution:** While working on roofs, tar and dirt may build up on the Nose of the Roofing Nailer. This can prevent normal operation. Remove buildup with a non-flammable solvent. NEVER use gasoline or other flammable solvents. Do not immerse the Roofing Nailer in an approved solvent beyond the height of the nail heads, to avoid getting the solvent into the drive cylinder of the tool. Make sure to dry off the Roofing Nailer before use. Any oil film left after cleanup will accelerate tar buildup.
5. When finished using the Roofing Nailer, always disconnect the tool from its compressed air supply. Attempt to fire the Roofing Nailer into a piece of scrap wood to ensure it is disconnected and is incapable of firing any nails. Empty the Nail Cannister (82) completely of nails.
6. Make sure to store the Roofing Nailer in its accessory Carrying Case and in a clean, dry, safe location out of reach of children.



Anytime *any* maintenance or repairs are done (including clearing jams), FIRST:

1. Disconnect the Nailer from the air hose.
2. Attempt to fire the Nailer into a piece of scrap wood to ensure that it is disconnected and is incapable of firing any nails.
3. Empty the **Nail Cannister (82)** completely.

Clearing Jams

1. Occasionally a nail may become jammed in the firing mechanism of the Roofing Nailer, making the tool inoperable.
2. To remove a jammed nail, disconnect the Roofing Nailer from its compressed air supply. Attempt to fire the Roofing Nailer into a piece of scrap wood to ensure it is disconnected. Empty the Nail Cannister (82) completely of nails.
3. Remove and discard all jammed/damaged nails from the nailer. Detach and discard all damaged or improperly collated nails from the coil. Examine the nailer for any broken, worn or damaged parts. If any part appears damaged or worn, have the tool repaired by a qualified service technician.
4. Replace the coil of nails into the Roofing Nailer. Close the Cannister Cover (89) and Latch (64) securely. Then, reconnect the air supply hose to the tool.
5. Test fire the nailer into an appropriate piece of scrap wood repeatedly to test for proper operation. If the nailer does not function properly, have the tool serviced by a qualified technician.

Anytime any maintenance or repairs are done, FIRST:

1. Disconnect the Nailer from the air hose.
2. Attempt to fire the Nailer into a piece of scrap wood to ensure that it is disconnected and is incapable of firing any nails.
3. Empty the **Nail Cannister (82)** completely.

Inspection, Maintenance, and Cleaning

1. Inspect the Nailer frequently and make sure that the tool is lubricated (manually or by an automatic oiling system) before each use with Pneumatic tool oil. Do not use detergent oil or additives as these lubricants will cause accelerated wear to the internal seals.
2. Inspect the air supply filter, if present, before each use and clean or replace as necessary. Dirt and water in the air supply filter are major causes of pneumatic tool wear. Use a filter/oiler for better performance and longer tool life. The filter must have adequate flow capacity for the specific application.
3. Store the unit in a clean and dry location.
4. Periodically, check to make sure that all bolts on the Nailer are tight.
5. **All maintenance, service, or repairs not listed in this manual are only to be attempted by a qualified technician.**

Please Read the Following Carefully

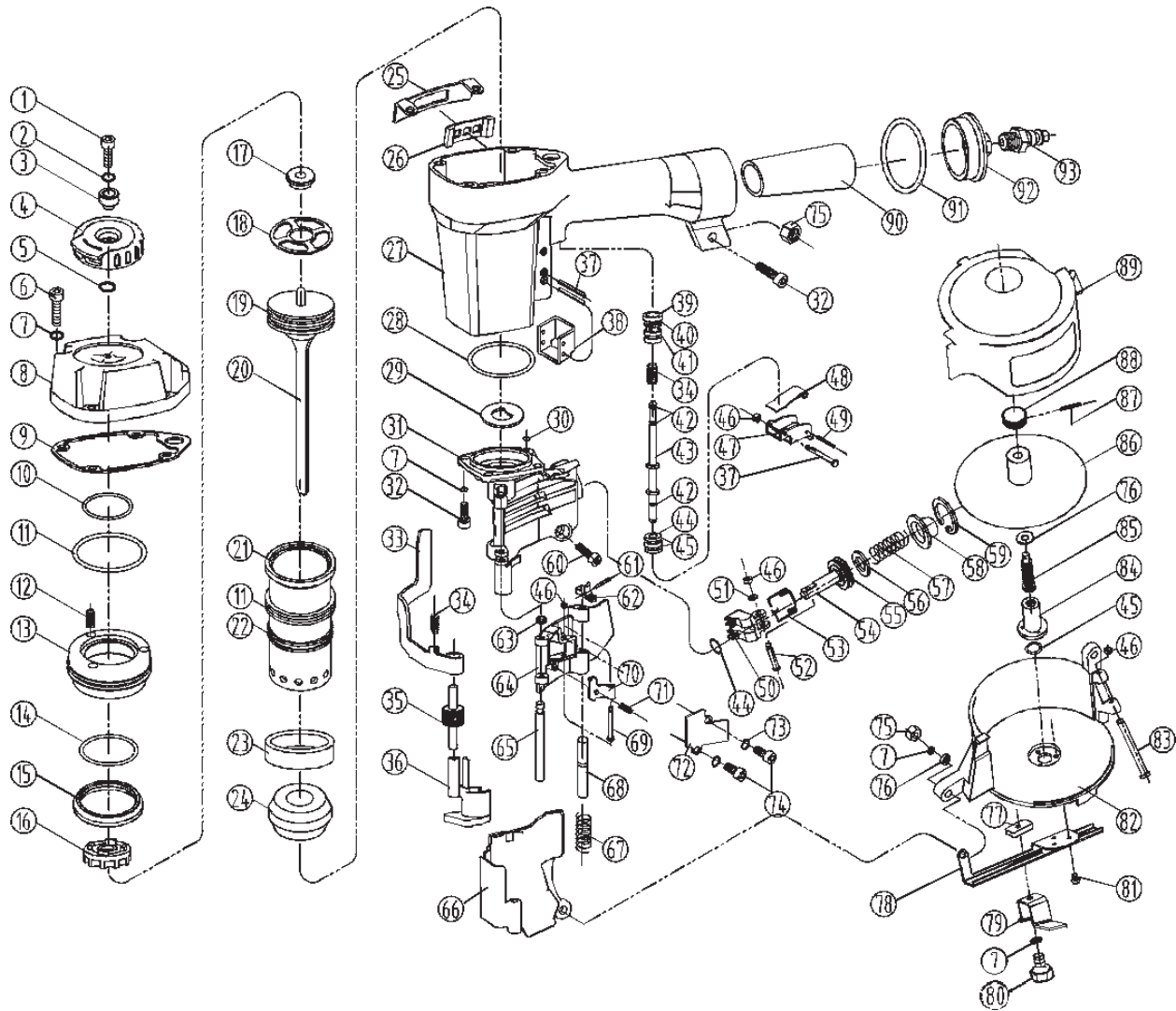
THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

PARTS LIST

Item	Description
1	Screw
2	Spring Washer
3	Bushing
4	Exhaust Cover
5	Washer
6	Screw
7	Spring Washer
8	Cylinder Cap
9	Gasket
10	O-ring 36.3x2.5
11	O-ring 54.3x3
12	Spring
13	Valve
14	O-ring 40.2x2.3
15	Valve Seal
16	Valve Seat
17	Stopper Washer
18	Washer
19	O-ring 43.3x3.5
20	Piston Assembly
21	Cylinder
22	O-ring 50.5x2.5
23	Cylinder Seal
24	Bumper
25	Protective Piece
26	Soft Spacer
27	Body
28	O-ring 46x1.3
29	Restrictive Washer
30	O-ring 8.3x1.8
31	Nose
32	Screw
33	Bracket
34	Spring
35	Adjuster
36	Safety
37	Spring Pin
38	Safe Bracket Guide
39	Trigger Valve Guide
40	O-ring 12.8x1.9
41	O-ring 14.3x1.9
42	O-ring 6.4x1.5
43	Trigger Valve Stem
44	Trigger Valve Guide
45	O-ring 12.3x1.9
46	Washer
47	Trigger

Item	Description
48	Trigger Spring
49	Spring Pin
50	Feed Hook
51	Washer
52	Feed Hook Pin
53	Torsion Spring
54	Piston
55	O-ring 24.3x2.8
56	Piston Bumper
57	Spring
58	Cover
59	Locking Washer
60	Screw
61	Spring Pin
62	Handle
63	Washer
64	Latch
65	Pin
66	Protector
67	Spring
68	Shaft
69	Pin
70	Stopper
71	Taper Spring
72	Block Plate
73	Spring Washer
74	Screw
75	Nut
76	Washer
77	Connecting Plate
78	Support
79	Bracket
80	Screw
81	Screw
82	Nail Cannister
83	Pin
84	Adjuster Bushing
85	Adjuster Stem
86	Adjuster Plate
87	Spring Pin
88	Adjuster Nut
89	Cannister Cover
90	Soft Grip Sleeve
91	O-ring 48.5x2.5
92	End Cap
93	Air Inlet

ASSEMBLY DIAGRAM



NOTE:

Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.